



**JOMO KENYATTA UNIVERSITY  
OF  
AGRICULTURE AND TECHNOLOGY  
COLLEGE OF HEALTH SCIENCES  
School of Biomedical Sciences (SOBMS)**

**School Common Regulations for Bachelor of Science (BSc)  
Programs**

Prepared By:

Signed..... Date.....

Dean SOBMS

Approved By Senate

Signed..... Date.....

Vice Chancellor



**SBSBs 1.0      ADMISSIONS**

**SBSBs 1.1      Direct admissions**

SBSBs 1.1.1      The applicant must certify the common university Bachelor of Science (BSc) degree regulations.

SBSBs 1.1.2      The University requires that direct entry applicants to the BSc program must have a minimum KCSE mean grade of C+.

SBSBs 1.1.3      Admissions to specific programs shall depend on the requirements for that program.

SBSBs 1.1.4      Applicants eligible for the school biological programs must have the below mentioned minimum scores in the respective cluster subjects;

Alternative A	Alternative B
Biology C+	Biological Sciences C+
Chemistry C+	Physical Sciences C
Mathematics or Physics C-	Mathematics C-

or

SBSBs 1.1.5      A minimum of two principle passes in A levels, IGCE appropriate to the subjects referred in SBSBs 1.1.3

**SBSBs 1.2.0      Mature entry/ Midlevel Entry**

SBSBs 1.2.1      Mature entry/midlevel entry/upgrading module students shall be allowed in all BSc programmes.

SBSBs 1.2.2      A diploma with credit from an institution recognized by JKUAT senate and where applicable the regulating body shall qualify for Mature entry/Midlevel entry/Upgrading module entry at the 2<sup>nd</sup> year of study. Under exceptional circumstances and with prove of at least one year work experience a pass in diploma will be accepted.

SBSBs 1.2.3      Applicants with Higher National Diploma shall qualify for 3<sup>rd</sup> year entry. Under exceptional circumstances candidates with ordinary diploma in relevant subjects with the discretion of the department may be considered for 3<sup>rd</sup> year entry. Prove of work experience in the relevant field will be considered.

### **SBSBs 1.3.0 Credit Transfers**

SBSBs 1.3.1 Credit transfers shall be allowed from an institution recognized by the JKUAT senate as long as the student had passed the units in that institution as approved by the regulations of the institution of origin.

SBSBs 1.3.2 Under exceptional circumstances interdepartment transfer may be allowed with approval of the department(s) and in consultation with the dean subject to fulfillment of course requirements.

SBSBs 1.3.3 Intradepartment transfer shall be allowed with approval of the department.

### **SBSBs 1.4.0 Exemptions**

SBSBs 1.4.1 Exemptions of specific units will be done depending on specific program. For audit purposes unit replacement will be allowed.

SBSBs 1.4.2 Where a student is required to take extra unit(s) not in the course curriculum by a regulatory body for registration, such unit(s) shall be taken by the students subject to SBSBs 4.22.1

SBSBs 1.4.3 Mature entry/midlevel entry/Upgrading module students may be required to take some School Common Units that will be determined by specific programs.

### **SBSBs 1.5.1 Deferment.**

SBSBs 1.5.2 Subject to approval by the Senate a newly admitted student who for some good cause is unable to register in the first year of study may be allowed to defer his/her admission for up to two (2) academic years, and be admitted to the first year of study at the start of the following academic year or of the academic year immediately thereafter.

### **SBSBs 2.0 REGISTRATION OF PROGRAMS**

SBSBs 2.1 Each student will be required to register for a minimum number of six (6) units and a maximum of ten (10) units per semester depending on individual programs.

SBSBs 2.2 Program units for registration shall have codes adopted from the originating Department.

SBSBs 2.3 Courses shall be offered in module form or in terms of units.

SBSBs 2.4 All Bachelors and Bachelor of Science programs shall be taken within four academic years and a minimum of two academic years for Mature entry/Midlevel entry/Upgrading module students.

SBSBs 2.5 Subject to approval by individual departments, auditing of units from other departments within the school of Biomedical Sciences is allowed.

SBSBs 2.6 Subject to SBSBs 2.5 and with approval by individual department, students will be required to register for units within the university timelines.

SBSBs 2.7 The registration of units shall include:

- i) University common units.
- ii) School common units; Mathematics for Biomedical Sciences, Experimental Animal Science, Medical Ethics, Biostatistics or other approved units.
- iii) Program units.

**SBSBs 3.0 Common school BSc program.**

SBSBs 3.1.0 Students taking this course shall graduate with a Bachelor of science in Biomedical Sciences

SBSBs 3.1.2 Students taking the common B Sc program shall undertake a three month attachment in the field and at a time determined by the majoring department.

SBSBs 3.1.3 A student undertaking the common B Sc program shall be required to do a minimum of sixteen (16) units in the first year of study distributed as follows:

- a) Three University Units
- b) One SBS common unit; Mathematics for Biomedical Sciences
- c) Twelve (12) units from the following departments:

Biochemistry	4
Medical Laboratory Science	4
Medical Microbiology	4

SBSBs 3.1.4 In the second year of study, the student shall be required to take a minimum of sixteen (16) units distributed as follows:

- a) Four (4) SBS common units; Medical Ethics, Biostatistics, Research methods and Experimental Animal Science
- b) Twelve (12) units from the following departments:

Biochemistry	4
Medical Laboratory Science	4
Medical Microbiology	4

SBSBs 3.1.5 In the third year of study, a student shall be required to take a minimum of sixteen (16) units distributed as follows:

- a) One SBS unit; Bioinformatics
- b) 9 units from one department
- c) 3 units from each of the other two departments

SBSBs 3.1.6 In the fourth year of study, a student shall be required to take a minimum of (16) units distributed as follows:

- a) One University unit; Entrepreneurship skills
- b) 9 units from one department
- c) 3 units from each of the other two departments

SBSBs 3.2.0 Unit distribution

SBSBs 3.2.1 Units taken shall be determined by the department.

SBSBs 3.2.2 Units taken from the department shall include both core and elective units.

SBSBs 3.2.3 Students undertaking projects shall take them as unit equivalents from the majoring departments.

## **SBSBs 4.0 EXAMINATIONS**

### **SBSBs 4.1.0 Student Assessment**

SBSBs 4.1.1 Assessment shall consist of end of semester written examination, continuous assessment tests, and where applicable clinical attachment, clinical laboratory rotations and projects.

SBSBs 4.1.2 Common JKUAT regulations as stipulated in statute XXI on university examinations shall apply.

### **SBSBs 4.2.0 End of Semester Written Examinations**

SBSBs 4.2.1 Each taught unit shall have one end of semester examination during the semester in which it is taken.

SBSBs 4.2.2 The final mark of a taught unit in a non-classified degree shall consist of 40% continuous assessment and 60% written end of Semester university examination.

SBSBs 4.2.3 The final mark of a taught unit in a classified degree shall consist of 30% continuous assessment and 70% written end of Semester university examination.

### **SBSBs 4.3.0 Continuous Assessment Tests**

SBSBs 4.3.1 Continuous assessments shall comprise written Continuous Assessment Tests (CAT's), Assignments and Practicals where applicable.

SBSBs 4.3.2 Subject to SBSBs 4.2.2 and 4.2.3 CAT marks shall contribute 30% or 40% of the total exam score.

### **SBSBs 4.4.0 Practical Assessment**

SBSBs 4.4.1 Where applicable a practical/oral exam will be staged at the end of an academic year.

SBSBs 4.4.2 Where applicable specific department practical assessment shall contribute 100%.

**SBSBs 4.5.0 Clinical / Industrial Attachments**

SBSBs 4.5.1 Where applicable a clinical / Industrial attachment shall be undertaken during the training period of study.

**SBSBs 4.6.0 Research Projects**

SBSBs 4.6.1 Research projects shall be examined as unit equivalents in conformance with individual programs.

SBSBs 4.6.2 A research project shall be optional unless required in an individual program.

**SBSBs 4.7.0 Appeal for reassessment**

SBSBs 4.7.1 A candidate who is not satisfied with the grade, which he/she has been awarded in any unit, may appeal to the Registrar (Academic) for a re-mark of the written examination paper in that unit at a cost.

SBSBs 4.7.2 The final mark recommended by the appointed examiner(s) shall be the final mark and grade awarded to the candidate for the unit. No appeal for re-marking of any unit shall be entertained in a case where the appeal has been submitted later than one month after the student has been notified of the result.

**SBSBs 4.8.0 Grading System**

SBSBs 4.8.1 Each unit shall be graded out of 100 marks.

SBSBs 4.8.2 The pass mark shall be 50% of the total marks for non-classified degrees and 40% for the classified degrees.

**SBSBs 4.9.0 Degree Classification**

SBSBs 4.9.1 For classified degrees the following shall apply:

The final classification of the degree shall be based on the average mark for the school and departmental units taken over all the years of study.

or

The final classification of the degree for mature entry students shall be based on a minimum of twenty four (24) units taken over the years of study.

SBSBs 4.9.2 Classified degrees shall be awarded as follows:

- (i) First Class Honours to a candidate whose average mark is 70% and above.
- (ii) Second Class Honours (Upper Division) to a candidate whose average mark is at least 60% but less than 70%.
- (iii) Second Class Honours (Lower Division) to a candidate whose average mark is at least 50% but less than 60%
- (iv) Pass to a candidate whose average mark is at least 40% but less than 50%.

**SBSBs 4.10.0 Moderation of Examination papers and the role of internal and external examiners.**

SBSBs 4.10.1 An External examiner shall be appointed who shall moderate the setting and marking of the exams for the entire course. There also shall be nominated a team of internal examiners to moderate the exams in line with JKUAT regulations on Examinations.

**SBSBs 4.11.0 Examination irregularities**

SBSBs 4.11.1 A student who is found guilty of any irregularities during any continuous assessment or University examinations (ordinary, supplementary or special) shall be subject to the appropriate penalties as detailed in the University Examination Regulations.

SBSBs 4.11.2 The Senate examination Disciplinary Committee regulations shall apply in all examination disciplinary cases.

**SBSBs 4.12.0 Supplementary examination**

SBSBs 4.12.1 Any examination in a unit taken by a student as a result of failing the unit at the first attempt is a supplementary examination.

SBSBs 4.12.2 The maximum marks for the supplementary examination shall not be more than 50% for non classified degrees and 40% for classified degrees and shall not include continuous assessment.

SBSBs 4.12.3 Supplementary examinations shall be done;

- i. After the release of the provisional results.
- ii. During Supplementary examinations period.
- iii. When exams for the unit are next offered.

SBSBs 4.12.4 A candidate shall only be allowed to sit for supplementary exams for 50% of all the units taken in any academic year.

**SBSBs 4.13.0 Special examinations**

SBSBs 4.13.1 If for some good cause a candidate is unable to sit for one or more examinations papers; or is unable to undertake essential parts of the work for continuous assessment, he/she on recommendation of the Department's Board of Examiners and with approval of the School, may be permitted to take special examinations or undertake extra work for continuous assessment.

SBSBs 4.13.2 The good cause must be known to the Dean of the school, before or during the period when work for the continuous assessment or the concerned examination was to be conducted.

SBSBs 4.13.3 Special examinations shall include continuous assessment and be marked out of 100%.

SBSBs 4.13.4 No candidate shall be allowed to take more than 50% of units in an academic year as special examinations, during any examination period.

SOBS4.13.5 A candidate who absents himself/herself from the special examinations which he/she was required to sit, or fails to undertake all the extra work for continuous assessment without good cause shall be assumed to have deserted the degree program, and shall be deregistered forthwith.

**SBSBs 4.14.0 Progress to the next year of study**

SBSBs 4.14.1 In order to proceed to the next year of study, students shall have passed in all departmental, school and university units.

SBSBs 4.14.2 No candidate shall be allowed to proceed to the next year of study with a failed unit unless with permission by the school. Such a candidate will be required to retake and pass the failed exam at the beginning of the new semester.

SBSBs 4.14.3 Any candidate who fails to satisfy the examiners in the practical/ oral examination shall have failed the examination and will not be allowed to proceed to the next year.

**SBSBs 4.15.0 Repeating**

SBSBs 4.15.1 A candidate who fails 60% of the required units at ordinary examinations in any year of study, shall be required to repeat the failed units externally.

SBSBs 4.15.2 A student repeating externally shall be required to retake examinations only in the failed units as supplementary examinations.

SBSBs 4.15.3 Such a candidate shall be required to register for the examinations in every failed unit, with the Registrar (Academic), the School and the concerned Department(s) in the semester when the unit is offered.

SBSBs 4.15.4 A candidate, who has registered for the examination in every failed unit, may be allowed to attend lectures for the units and to utilize other facilities upon making appropriate arrangements. However, no marks shall be awarded for any continuous assessment taken.

SBSBs 4.15.5 A candidate who fails after taking supplementary examinations shall be required to repeat the failed unit(s) externally.

SBSBs 4.15.6 He/She shall be required to retake the examination(s) in the failed unit(s) as supplementary examinations during the next time the unit is being offered.

SBSBs 4.15.7 Such a candidate shall be required to register for the examinations in every failed unit, with the Registrar (Academic), the School and the concerned Department(s) in the semester when the unit is offered.

SBSBs 4.15.8 A candidate, who has registered for the examination in every failed unit, may be allowed to attend lectures for the units and to utilize other facilities upon making appropriate arrangements. However, no marks shall be awarded for any continuous assessment taken.



#### **SBSBs 4.16.0 Academic leave**

- SBSBs 4.16.1 Subject to approval by the Senate, a continuing student who for some good cause is unable to register in any year, may be allowed to stay out of the university for a period of one or two complete academic years, and to resume study at the start of the following academic year or of the academic year immediately thereafter.
- SBSBs 4.16.2 Subject to approval by the Senate, a registered student, who is unable to proceed to the next year of study with good cause, as he/she has been unable to sit for all the outstanding special or supplementary examinations during the supplementary examination period, may be allowed to stay out of the university for a period of one or two complete academic years, during which period he/she may sit for all the outstanding examinations.
- SBSBs 4.16.3 Notwithstanding the above a student taking academic leave shall not be allowed to stay out for a total period of more than four (4) academic years from the date of academic leave approval.

#### **SBSBs 4.17.0 Discontinuation**

- SBSBs 4.17.1 A candidate who fails more than 60% of the units at the ordinary examinations in any year of study shall be discontinued.
- SBSBs 4.17.2 A candidate who fails less than 60% of units of any year of study at the ordinary examinations and who subsequently fails the same units after retaking the examinations three times shall be discontinued.
- SBSBs 4.17.3 Any candidate who repeats a year of study externally and still does not satisfy the conditions to progress to the next year of study shall be discontinued.

#### **SBSBs 4.18.0 Deregistration**

- SBSBs 4.18.1 A student who qualifies to register for any year of study but who fails to register by the end of the university prescribed time shall be assumed to have deserted the degree course and shall be deregistered forthwith.
- SBSBs 4.18.2 A student who has registered for a particular semester but who has failed to complete at least two thirds of the course work and CATs in all the units in which he/she has registered shall be assumed to have deserted the degree course and shall be deregistered forthwith.
- SBSBs 4.18.3 A candidate who without a good course absents himself/herself from at least 50% university examinations in an academic year shall be assumed to have deserted the degree course, and shall be deregistered forthwith.

SBSBs 4.18.4 A candidate who without a good cause absents himself/herself from all the supplementary/special examinations which he /she was required to sit, shall be assumed to have deserted the degree course, and shall be deregistered forthwith.

#### **SBSBs 4.19.0 Nullification**

**SBSBs 4.19.1** Any student, who has been required to repeat the year of study, or who has been discontinued, or who has been deregistered, and who promotes himself/herself illegally to the next year of study, shall have the results of any coursework assessment or examinations, pertaining to that year of study, nullified, and shall be subject to any action taken against him/her by the University Disciplinary Committee.

SBSBs 4.19.2 Any student, who has not presented a genuine examination card while sitting for an examination in any unit, shall have the results of any coursework assessment or examinations, pertaining to that unit, nullified, and shall be subject to any action taken against him/her by the University Disciplinary Committee.

#### **SBSBs 4.20.0 Reinstatement**

SBSBs 4.20.1 A student who has been deregistered and who within three months of being notified of the deregistration shows good cause why he/she did not register in time, or absented himself/herself from coursework and/or examinations that he/she was due to sit, may with approval by the Senate, be re-admitted, subject to taking any outstanding examinations when the units concerned are next offered.

SBSBs 4.20.2 A student who has been discontinued and who within three months of being notified of the discontinuation shows good cause why he/she did not perform well in the concerned examinations, may with approval by the Senate, be re-admitted as an external repeat student, subject to taking all the outstanding supplementary examinations when the units concerned are next offered.

SBSBs 4.20.3 Notwithstanding the above no student shall be considered for re-admission more than twice under this regulation.

#### **SBSBs 4.21.0 Transcripts**

SBSBs 4.21.1 At the end of each academic year, candidates shall be provided with a transcript in form of literal grades for the units taken during the year with one of the following recommendations:

- (i) Proceed to the next year of study.
- (ii) Repeat the year externally.
- (iii) Discontinued.

(iv) Degree to be awarded.

**SBSBs 4.22.0 Fees**

SBSBs 4.22.1 Notwithstanding any of the SBSBs 1.0 to 4.21 above, the registration of a student in the School of biomedical sciences, release of results and awarding of the degree shall be subject to the student fulfilling all the University Regulations concerning payment of fees and other monies due to the university.